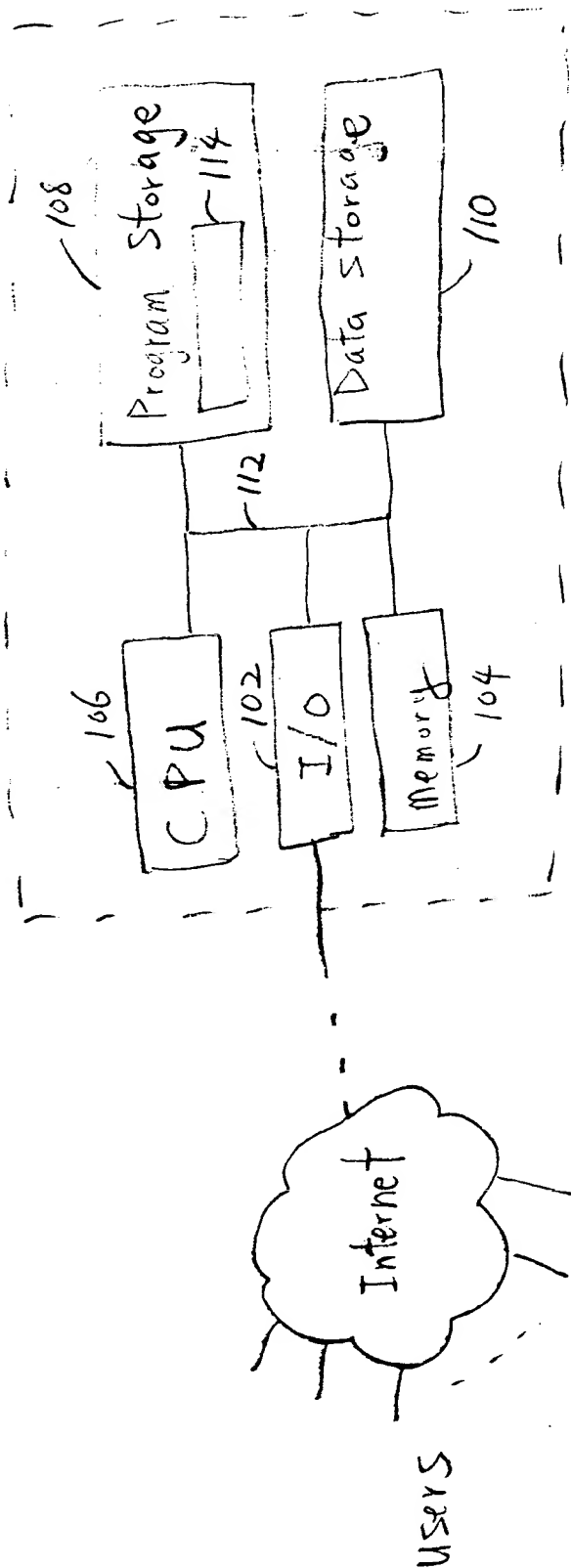


FIG. 1



100

FIG. 1

Non-linear Analysis

200

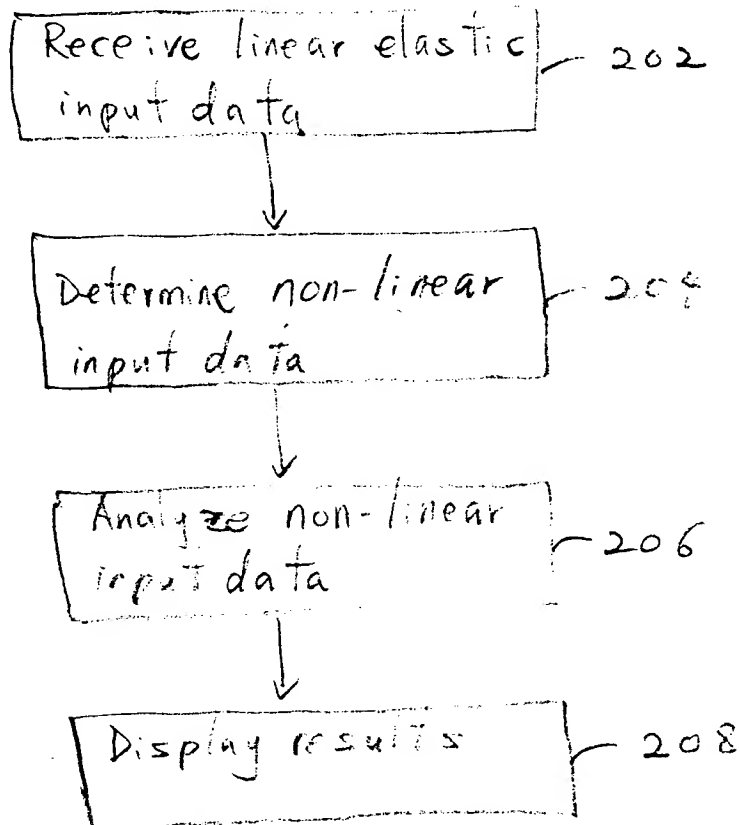


FIG. 2

Bending Moment

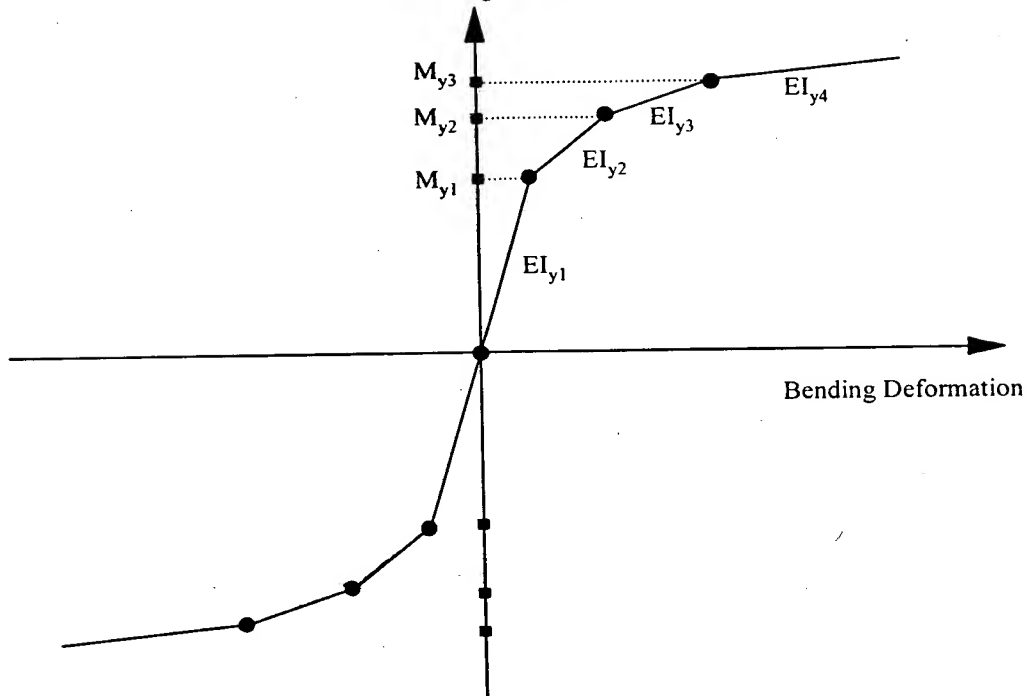


FIG. 4

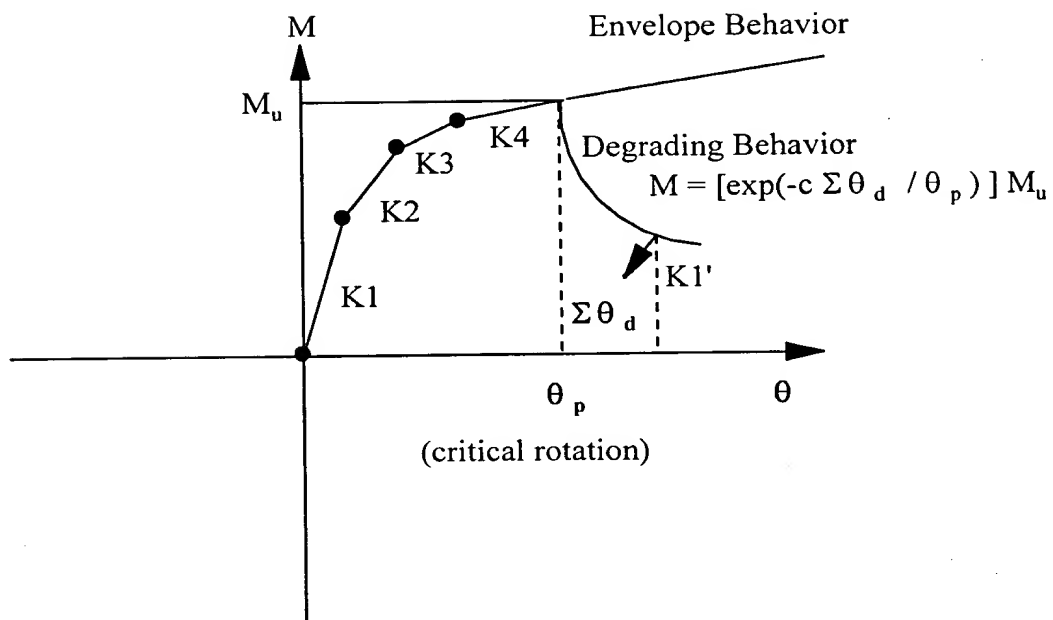


FIG. 5

FIG. 6

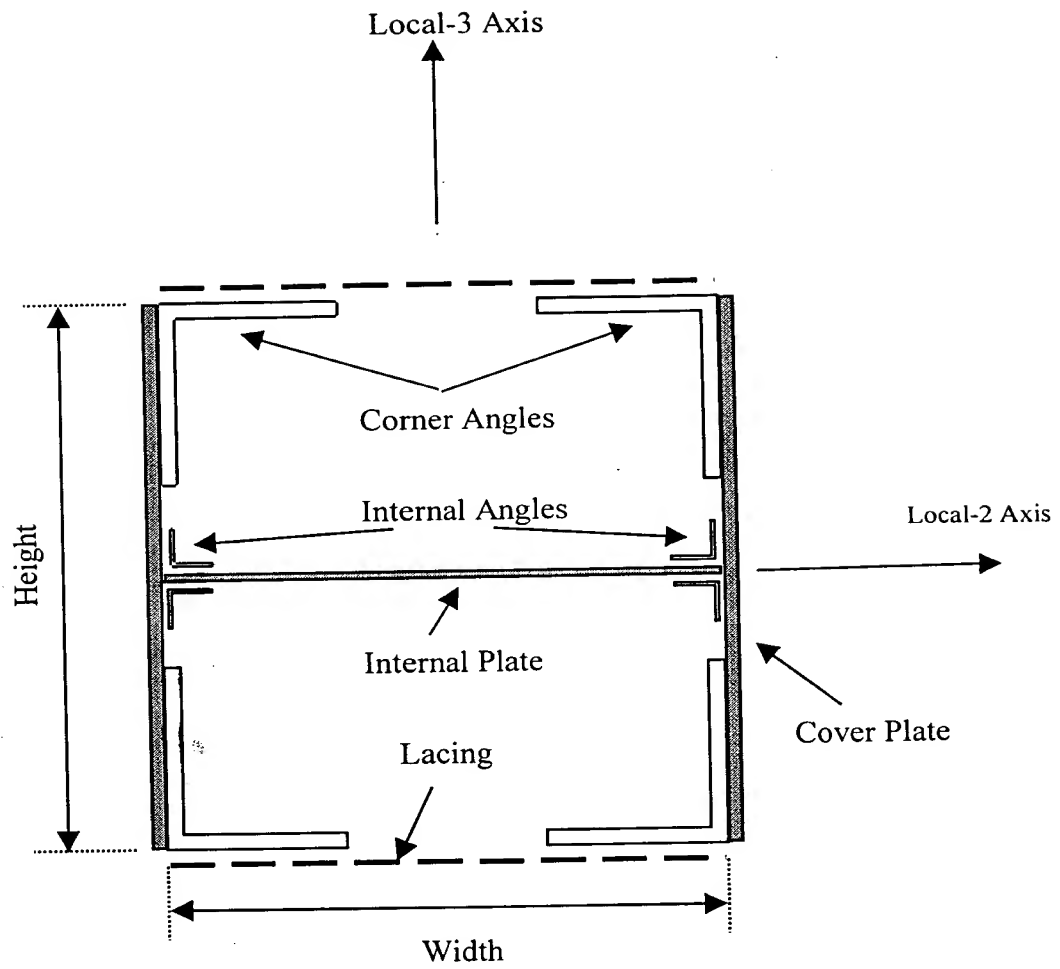


FIG. 6

TABLE 1. TYPICAL SUMMARY REPORT

ANALYSIS SUMMARY

***** THE FOLLOWING MEMBERS HAVE EXPERIENCED INELASTIC BEHAVIOR *****

NUMBER OF INELASTIC MEMBERS = 4

EVENT SEQUENCE	---STATIC---		LOAD STEP	ELEM NAME	ELEM TYPE	GROUP NUMBER	NODE I	NODE J	D/C RATIO	-----MAXIMUM DUCTILITIES-----				GROUP TITLE
	INCRMN	STEP								AXL TOTAL	AXL COMP.	AXL TENS.	BND DUCTL	
1	0	0 D	602	LX1	ISTR	3	4	8	0.000	15.354	6.780	8.574	0.000	POST-BUC
1	0	0 D	602	LX2	ISTR	3	7	5	0.000	15.229	8.417	6.812	0.000	POST-BUC
2	0	0 D	628	LX3	NTRS	4	7	11	0.000	4.354	1.624	2.729	0.000	POST-YIE
2	0	0 D	628	LX4	NTRS	4	10	8	0.000	4.312	2.700	1.612	0.000	POST-YIE

FIG. 7

09790962 044304

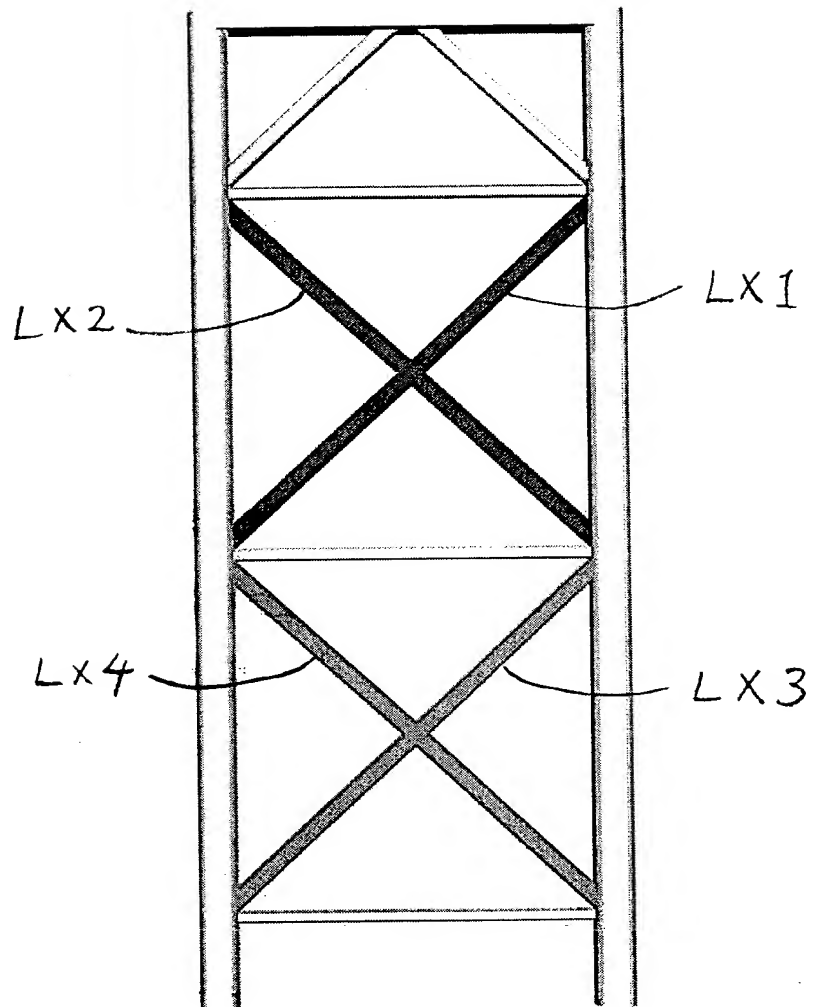


FIG. 8

EXPECTED STRUCTURAL DAMAGE

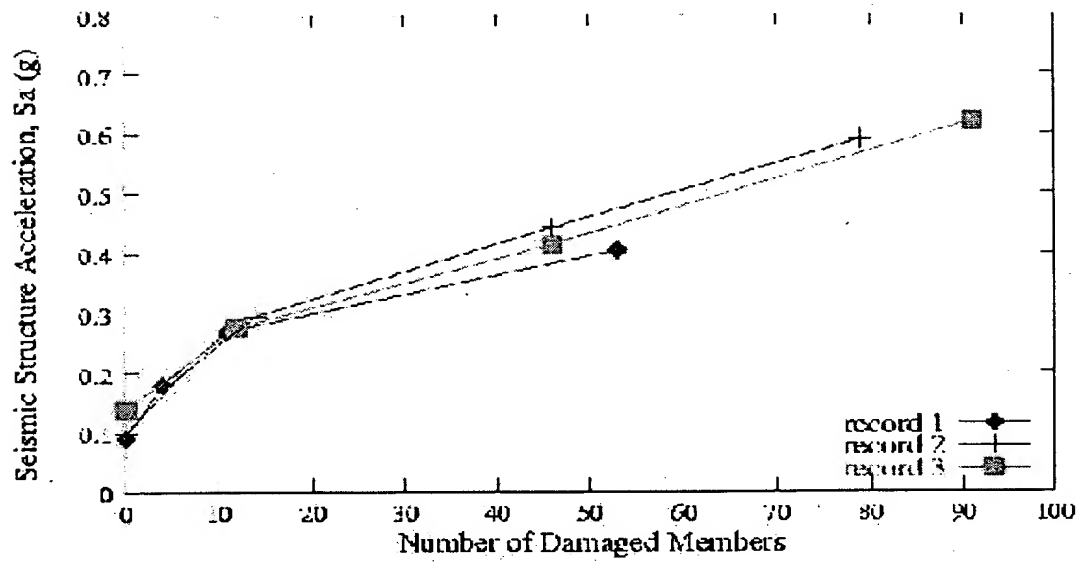


FIG. 9

Structure rating

150

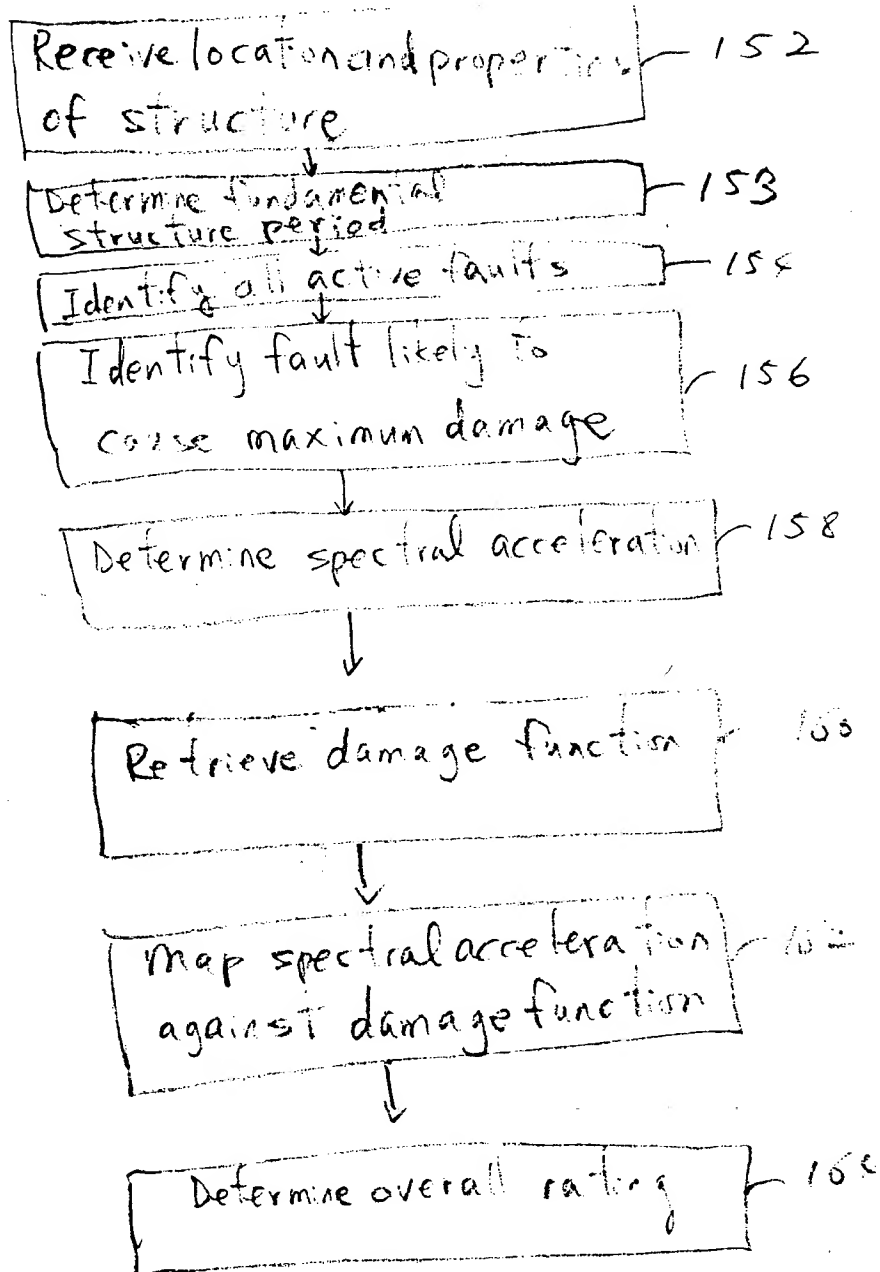


FIG. 10

097E0962-044304

Damage Function

300

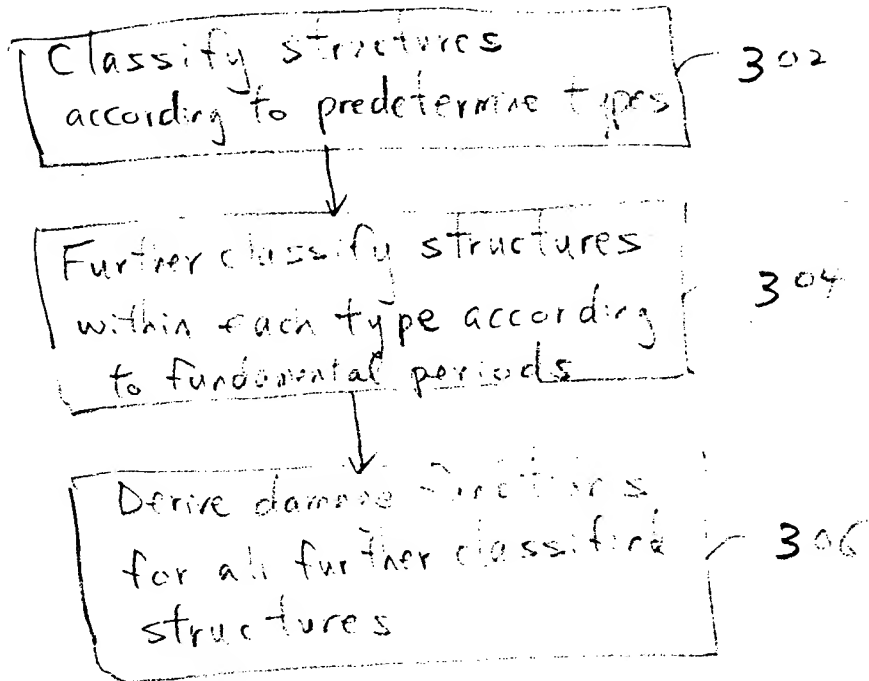


FIG. 11

09750966 014301

20250707 23003260

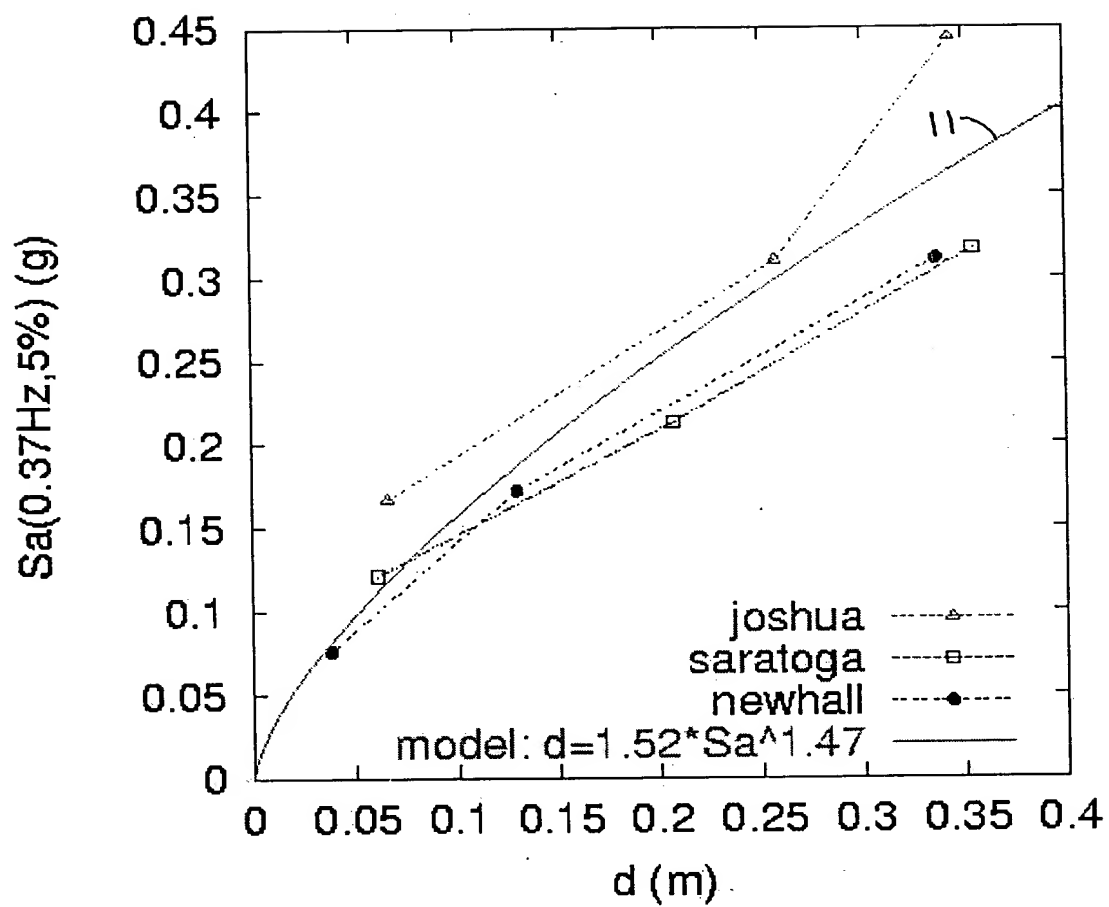


FIG. 12